

A Summer Proposition.**ICE QUESTION!**

You know you'll need ice; you know it's a necessity in hot weather. We believe you are anxious to get that ice which will give you satisfaction, and we'd like to supply you. Order from

OAHU ICE & ELECTRIC CO.,
HOFFMAN AND MARKHAM.

Telephone 3151 Blue, Postoffice Box 695.

W. G. IRWIN & CO., LTD.

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SUGAR FACTORS, COMMISSION AGENTS**AGENTS OF THE**

Oceanic Steamship Company of San Francisco, Cal.

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Scottish Union National Insurance Company of Edinburgh.

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Alliance Marine and General Assurance Co., Ltd., of London.

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Hirose Shoten,

Removed to corner of Nuuanu and Beretania streets.

In Addition to JAPANESE PROVISIONS and DRY GOODS a wholesale LIQUOR department has been opened.

Tel. Blue 392. P. O. Box 885.

Oahu Tailoring Company,

MERCHANT TAILORS.

Suits Made To Order.
Cleaning, Repairing and Pressing a Specialty.

Corner Beretania and Emma Streets.

CREPE SHIRTS

A large shipment of fine crepe shirts suitable for the cold weather have just been received and are on display in our window.

PRICES REASONABLE.

RICHEST STOCK OF JAPANESE GOODS

In the city. China, Cloisonne and Satsuma Wares, Japanese Silks and Curios.

S. OZAKI.

HOTEL STREET STORE.
178 HOTEL STREET.
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Promote Healthy AND VIGOROUS HAIR BY THE USE ONLY OF THE ONLY AND ALWAYS RELIABLE

PACHICO'S DANDRUFF KILLER
AND ABSOLUTELY PERFECT HAIR PREPARATION

For sale by all druggists and at the Union Barber Shop. Telephone Main 332.

Stocking Sale!

WE WILL PLACE ON OUR COUNTERS OUR ENTIRE STOCK OF MEN'S, WOMEN'S AND CHILDREN'S HOSIERY AT A SACRIFICE.

A FEW PRICES.

WOMEN'S 25c, 35c and 40c Hose.....now 5c, 10c and 15c pair
CHILDREN'S 20c, 25c and 35c Stockings.....now 5c, 10c and 15c pair
MEN'S 25c, 35c and 40c Socks.....now 5c, 10c and 15c pair

Corsets and Knit Underwear at Cut Prices

E. W. JORDAN & CO., LTD.,
FORT STREET



It's an easy job for the barber to part the hair on a head like this.

It's just as easy to prevent baldness if you only do the right thing.

Baldness is almost always a sure sign of neglect; it is the story of neglected dandruff.

Dandruff is untidy, unnecessary, and unhealthy.

Ayer's Hair Vigor

cures dandruff and prevents baldness. You save your hair and you are spared the annoyance of hatless clothing.

It also stops falling of the hair, and makes the hair grow thick and long.

Do not be deceived by cheap imitations which will only disappoint you.

Make sure that you get the genuine Ayer's Hair Vigor.

Prepared by Dr. J. C. Ayer & Co., Lowell, Mass., U.S.A.

Phoenix**PURE PAINT**

Made of

PURE WHITE LEAD,
PURE OXIDE OF ZINC,
PURE LINSEED OIL,
PURE COLORS.

1 gallon covers 600 sq. feet.

Fresh Consignment Just Arrived.

WILDER & CO., LTD.,

GOLDEN RULE BAZAAR

156 HOTEL STREET

Books, Stationery

AND

School Supplies

Blank Books all Sizes,
Letter Copying Books and
Letter Presses,
Office Supplies, Etc., Etc.

Dairies for 1903

J. M. WEBB,
PROPRIETOR.

Silent Barber Shop

Hotel Street.

HOT AND COLD BATHS,
BEST BARBER SHOP
IN HONOLULU.

S. K. AKI & CO.,

MAUNAKEA STREET BELOW KING

Sanitary Plumbing and Sewer Connecting done at reasonable rates.

NOTICE.

Persons needing, or knowing of those who do need protection from physical or moral injury, which they are not able to obtain for themselves, may consult the Legal Protection Committee of the Anti-Saloon League, 9 McIntyre Building.

W. H. RICE, Supt.

THE PENALTY FOR SPEED

Harbors Must Expect Vessels 1000 Feet Long and of 40 Feet Draft.

A comparison between the two largest vessels now building, the Cedric and the Kaiser Wilhelm II., is made in the course of a paper on the economy of large ships, read before the Canadian Society of Civil Engineers by A. W. Robinson. The Cedric, according to Mr. Robinson, represents a type of vessel having large capacity combined with moderate speed, while the Kaiser Wilhelm II. is of a type in which everything is sacrificed to speed. This is shown in the following tabular statement:

	Displacement.	I. H. P.	Speed.	Dead Weight.	Pass. Accom.	Tons Coal Per Day.
Cedric	37,800	14,000	17	18,000	3,000	260
Kaiser Wilhelm II.	26,000	40,000	24	none	1,800	750

Says Mr. Robinson.

"It is apparent from the foregoing figures that the extra seven knots speed (in the Kaiser Wilhelm II.) is obtained at the cost of an additional coal consumption of nearly 500 tons of coal per day, and that the passenger accommodation is much less and the cargo capacity entirely lost. This will give some idea of the enormous cost of high speed."

It will be seen that Mr. Robinson believes in large vessels, but not in an attempt to drive them too fast through the water. Of the advantages of great size, provided moderation in speed be regarded as sufficient, he says (we quote, in part, an abstract made for The Engineering Magazine, December):

"It has been found that the propelling power required for a vessel for a given speed increases in a slower ratio than the increase of its displacement, and in this fact is found the main secret of the superior economy of large vessels. A good deal has been done during the past ten years in the improvement of engines and boilers of ships, and in the reduction of weight and space occupied by them; but this improvement is small compared with the increased economy produced by increasing the size alone. During the past ten years the paying load carried by a representative ocean cargo steamer has about doubled, while the average increase in fuel economy has been reduced from 1.52 pounds coal per horse-power per hour to 1.48 pounds, a comparatively small saving."

"Constructively, the limitations as to size in shipbuilding have by no means been attained. The Celtic is about 700 feet long, 75 feet beam, and 33 feet draft; with a displacement of 33,500 tons, and a gross tonnage of 20,800 tons, and this is about the present limit, not of shipyards and marine engineering, but of harbor draft and port facilities. This fact is realized, partially at least, and harbors all over the world are being dredged and docks and channels extensively improved to enable larger vessels to enter."

"It is an unnecessary truism to say that large ships will not be economical unless they can be filled, but this aspect of the question merits more than passing notice. The difficulty of providing cargo for these large vessels is very great, and their advantages will not be realized unless there is a corresponding growth all along the line in facilities for receiving, warehousing, and rapid handling of the different kinds of freight in large quantities."

"In the keenness of competition of the present day it is the large economic cargo carrier which will aid the most in the development of ocean trade, and ships of very great speed are only required for the purpose of carrying mails, and for carrying the comparatively small number of passengers who are willing to pay the extra price for the saving of time."

"The subject of fast ships is always an interesting one to engineers, as it calls for the highest skill in design and construction and the problem is no easy one."

"The fact may as well be realized now as later that those ports which expect to retain their commerce must provide safe channels of ample depth and proper harbor handling and warehouse facilities for the large steamers. Vessels of 1,000 feet in length and 40 feet or more draft will have to be reckoned with before very long, and only those seaports which have prepared themselves for such visitors will be able to reap the advantages of the commerce which such ships will bring."—Literary Digest.

DREW THE COLOR LINE.

Associated Press Cable, Morning Service.

CINCINNATI, Jan. 20.—A Grand Army post of this city has been sued for refusing the use of its hall to a negro dancing party.

YOUNG BUILDING BONDS.

The trust deed of the Alexander Young Building company to Bishop & Company to secure \$350,000 worth of 6 per cent bonds, was filed yesterday with the recorder. It is a lengthy document and called for \$1300 in stamps and a recording fee of about \$500.

A PRIEST ON THE STAGE.

Rev. Father Charles McNellis of Rochester, N. Y., has gone on the stage.

PRIMA DONNA MARRIED.

Emma Calve, the prima donna, has married Jules Bois, a journalist.

TO SUPPRESS VICE.

At the monthly meeting of the Women's Christian Temperance Union held yesterday afternoon the matter of contributing to the proposed fund of \$300,000 for the suppression of vice was taken up and it was agreed that the local union should contribute to it. Mrs. E. W. Jordan explained that the proposition was to raise \$300,000 all over the United States to use in the "future defense of the moral purity of the 33,842,766 children in the institutions of learning in the United States, and of future generations, to be known as the William McKinley Fund in honor of the late President as a tribute to his lofty character and as an example to the youth and for the maintenance and perpetuation of the work of the New York Society for the preservation of youth against the assaults of moral assassins." The request was made by Mr. Comstock that each member subscribe thirty cents to the fund. The work in favor of school savings banks will be continued and an effort will be made to secure from the legislature an appropriation of \$5,000 for the work of the Associated Charities.

ENTERTAINMENT PROMISED.

A number of 5 o'clock talks are being arranged for by the secretary of the Young Women's Christian Temperance Union, and the series will probably begin soon. Among those who are to participate are Miss Lawrence, readings; Mrs. Henry Highton, a talk on Henry Waterhouse, who will exhibit many of the interesting curios picked up by him on his recent European tour and W. N. Armstrong.

CLUB OFFICERS.

The following are the new officers of the Officers' Club: J. W. Jones, president; J. H. Fisher, vice-president; J. W. Short, secretary, and Samuel Johnson, treasurer.

Star Want ads pay at once.

BORN.

HARRUB—January 20, at the Kaplani Maternity Home to the wife of W. B. Harrub, a daughter.

HARPHAM—January 20, at the Kaplani Maternity Home, to the wife of William Harpham, a son.

HARRIS—January 20, at the Kaplani Maternity Home, to the wife of J. D. Harris, a son.

DIED.

VETLESEN—At Walluku, Maui, at 11 o'clock p. m. January 17, 1903, Grace wife of Vette A. Vetlesen, of peritonitis developing from appendicitis, aged about twenty-one years. The deceased was the daughter of Rev. J. H. Walker of Sydney, New South Wales. Her parents and several brothers and sisters survive her, among them her brother J. H. Walker of Kahului, with whom and his wife she had made her home for some years before her marriage in August 1901. The funeral was held at 3 o'clock Sunday afternoon, January 18, from her late residence, and the Protestant Episcopal church, the Rev. Canon William Ault conducting the services. The interment was in Walluku cemetery.

HAAWINAALUPO—At her residence in Printer's Lane, Honolulu, January 18, 1903, Mrs. Lepoka Haawinaalupo, for many years a member of Kawaiahaeo church choir, aged about 60 years.

BRIDGE CLOSED.

The one mile bridge on Nuuanu street will be closed to traffic for a few days because of the removal of the temporary bridge to the Ewa side of the street.

RESEARCH CLUB.

The Young Men's Research club will meet at the Schmidt residence, Pensacola street, on Friday evening January 24 at 7:30 p. m. Mr. Gaines of the Pacific Commercial Cable Co. will give a question box talk on the new cable.

Star Want ads pay at once.

For KIDNEY TROUBLES and CATARRH of the BLADDER.
Cures all Discharges in 48 Hours
SANTAL MIDY
Each capsule bears the name MIDY
Beware of cheap imitations

Puncture Proof Tires

We have just received 150 pairs of our new Pat. Puncture Proof Bicycle Tires. Every one has our name on and is guaranteed for six months against any defect.

Our price \$4.00 each.

Makes it possible for any one to ride over thorns, glass, tacks, Etc., without any danger of a flat tire.

Don't be patching an old tire all the time.

Get a Puncture Proof.

Every genuine Pat. Puncture Proof Tire has our name in raised letters right on the tire.

Get the genuine and guaranteed article at

E. O. HALL & SON, LTD

AGENTS CYPHERS INC. CO.

New Goods Arrived

BY THE
NEBRASKAN

Fresh cauliflower, cabbage, celery, Eastern and California cocktail oysters, oranges, cranberries, etc. Everything of the very choicest. All came by the Nebraskan, also

Fresh Butter

H. MAY & COMPANY,
LIMITED.

22 — Telephones — 92

Japanese Provisions

Rice, Groceries and Dry Goods

Sayegusa,

P. O. Box 883. Telephone No. 3271.
1120 Nuuanu Street, near Hotel Street.

NEW GOODS RECEIVED BY EVERY STEAMER.
ISLAND ORDERS PROMPTLY ATTENDED TO.

Per S S China Direct from Japan

A FINE ASSORTMENT OF GOODS, COME EARLY, PRICES REASONABLE.

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ROBINSON BLOCK,
PHONE WHITE 2421,
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Excelsior 1903 Dairies

Time to buy one now. We have every size and every good kind at prices to suit your pocket book. Both office and pocket dairies.

Hawaiian News Co., Limited

Merchant Street

Rich Embroideries

AT

Oriental Bazaar.

IN

SILK AND LINEN GOODS

SUCH AS DOILIES, TABLE CLOTHS, BED SPREADS, CUSHIONS, SHAWLS, SCREENS, HANDKERCHIEFS, ETC. THIS IS THE RICHEST LINE OF EMBROIDERIES EVER SHOWN IN HONOLULU.

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